APPENDIX I

USDA NRCS Soil Group HaA Profile



Suffolk County, New York

HaA—Haven loam, 0 to 2 percent slopes

Map Unit Setting

National map unit symbol: 9x6v

Mean annual precipitation: 45 to 50 inches Mean annual air temperature: 50 to 54 degrees F

Frost-free period: 150 to 225 days

Farmland classification: All areas are prime farmland

Map Unit Composition

Haven and similar soils: 75 percent Minor components: 25 percent

Estimates are based on observations, descriptions, and transects of

the mapunit.

Description of Haven

Setting

Landform: Outwash plains

Landform position (two-dimensional): Summit Landform position (three-dimensional): Tread

Down-slope shape: Convex Across-slope shape: Convex

Parent material: Loamy glaciofluvial deposits over sandy and

gravelly glaciofluvial deposits

Typical profile

Oa - 0 to 2 inches: highly decomposed plant material

H1 - 2 to 5 inches: loam H2 - 5 to 19 inches: loam

BC - 19 to 28 inches: gravelly loam

C - 28 to 60 inches: stratified gravelly sand

Properties and qualities

Slope: 0 to 2 percent

Depth to restrictive feature: More than 80 inches

Natural drainage class: Well drained

Capacity of the most limiting layer to transmit water (Ksat):

Moderately high to high (0.20 to 1.98 in/hr) Depth to water table: More than 80 inches

Frequency of flooding: None Frequency of ponding: None

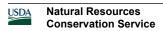
Available water storage in profile: Low (about 4.3 inches)

Interpretive groups

Land capability classification (irrigated): None specified

Land capability classification (nonirrigated): 1

Hydrologic Soil Group: B Hydric soil rating: No





Minor Components

Bridgehampton

Percent of map unit: 5 percent Hydric soil rating: No

Montauk

Percent of map unit: 5 percent Hydric soil rating: No

Scio

Percent of map unit: 5 percent Hydric soil rating: No

Unnamed soils, gravelly

Percent of map unit: 5 percent Hydric soil rating: No

Riverhead

Percent of map unit: 5 percent Hydric soil rating: No

Data Source Information

Soil Survey Area: Suffolk County, New York Survey Area Data: Version 15, Oct 8, 2017